

. . . . .

Class Specifications  
for the Class:

MAINTENANCE MECHANIC I

Duties Summary:

Repairs and maintains a variety of mechanical and electrical equipment; and performs other related duties as assigned.

Distinguishing Characteristics:

This is the fully competent worker in the series.

This class differs from that of Maintenance Mechanic II in that the Maintenance Mechanic I independently performs skilled mechanical repair work in the adjustment, maintenance and repair of a wide variety of machinery and equipment such as water pumps, mechanical laundry equipment, refrigeration and air conditioning equipment, and kitchen equipment in accordance with diagrams, sketches, operating manuals, manufacturer's specifications and basic trade practices, and may occasionally supervise one or more unskilled or semi-skilled helpers assisting in the work; whereas the Maintenance Mechanic II, in addition to performing skilled mechanical repair work as the major work assignment, supervises the work of skilled maintenance mechanics as a continuing work assignment including setting the pace and quality of workmanship.

Examples of Duties:

Services and maintains high and low pressure boilers; cleans fuel nozzles, air screens and inspects piping and valves; services and repairs kitchen equipment, such as mechanical potato peelers, electric toasters, meat saws, steam cookers, mixers, oil, gas or electric stoves, or ovens and electric powered ventilators; repairs laundry machinery and equipment such as wash wheels, extractors, tumblers, mangles, ironers and pressers; performs routine maintenance work to laundry equipment such as oiling machinery, covering mangles, packing valves and installing flexible steam cables on pressers; inspects pumps, motors and machinery of the water system and makes adjustments and repairs to pumps, motors and piping; makes periodic inspections of refrigeration machinery and equipment such as ice-making machinery, cold storage refrigerators, water coolers, milk coolers and commercial kitchen refrigerators; services refrigeration equipment during inspection trips by oiling moving parts, replacing belts, checking and adjusting pressure and suction gauges, cleaning and defrosting coils, tightening expansion valves and checking and regulating temperature controls; removes motors, compressors, coils and other parts from coolers and refrigerators

and installs new motors, compressors, coils and related parts and equipment; services and maintains a wide variety of electric motors, switches, clocks, appliances and equipment; repairs door locks; repairs power lawnmowers; services, maintains and repairs water pumps, air compressors and other small construction and maintenance equipment; occasionally performs oxyacetylene and electric welding when repairing equipment; occasionally supervises helpers, wards or inmates who assist in maintaining or repairing mechanical and electrical equipment.

Minimum Qualification Requirements:

Experience and Training: Three (3) years of work experience in performing the mechanical repair and maintenance of a wide variety of mechanical and electrical equipment; or an equivalent combination of experience and training.

Knowledge of: Practices and methods in the mechanical repair trade, including safety procedures; the tools, equipment and materials used in the mechanical repair trade.

Ability to: Use the power and hand tools common to the mechanical repair trade; detect malfunctions in operating machinery and make repairs; estimate material, parts and labor necessary to perform mechanical maintenance jobs; recognize hazards typical of the work; understand and follow oral and written instructions; perform heavy lifting, moving and other manual work typical of the class.

Physical and Medical Requirements:

Applicants must be physically able to perform, efficiently and effectively, the essential duties of the position which typically require the ability to read without strain printed material the size of typewritten characters, glasses permitted, and the ability to hear the conversational voice, with or without a hearing aid, or the ability to compensate satisfactorily. Handicaps in these or other areas will not automatically result in disqualification. Those applicants who demonstrate that they are capable of performing the essential functions of the position will not be disqualified under this section.

Any condition which would cause applicants to be a hazard to themselves or others is cause for disqualification.

Any disqualification under this section will be made only after a review of all pertinent information including the results of the medical examination, and requires the approval of the Director.

- - - - -

This is an amendment to the specification for the class  
MAINTENANCE MECHANIC I approved on December 14, 1955.

DATE APPROVED: 11/29/84

JAMES H. TAKUSHI  
Director of Personnel Services